

A2
includes a first normally-closed solenoid valve 46 that is coupled to the flow control system 20. The normally-closed solenoid valve 46 may be selectively opened by the user to direct water through a final filter 48 and through the water outlet 16. When purified water is not being dispensed, a normally-open solenoid valve 50 is provided to direct the water in a recirculating manner through a check valve 52 and back to the beginning of fluid circuit 12 to be continuously recirculated by pump 30. Check valve 52 prevents backflow from inlet 14 and also provides any necessary back pressure for a manual valve (not shown) associated with the optional remote dispensing gun 32.

In the Claims:

Please cancel claims 1-20 without prejudice or disclaimer and add new claim 21 as follows:

21. (NEW) A water purification system for purifying water flowing through a water flow path between an inlet and an outlet, the system comprising:

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a water purification device in the water flow path and having at least one interior volume;

a purification medium positioned within the interior volume;

a pump for moving water through the purification medium;

A3
a flow control system for controlling a volume of purified water dispensed from the outlet of the water flow path, the flow control system including an input device configured to allow a user to input a desired volume of purified water to be dispensed from the outlet of the water flow path during a dispense